Using Clickers with Schoolnet: Setup and Use

Contents

Introduction

Schoolnet is compatible with a number of clicker types for student test-taking purposes. This document is designed to lay out the steps necessary to prepare compatible clickers for Schoolnet use, as well as how to activate the clickers for student testing using the Schoolnet application.

This document was updated in February 2015 for use with Schoolnet version 16.3 and above.

eInstruction Clickers – Proctor Dashboard Method

Supported Models

The following eInstruction Classroom Performance System Clickers have been extensively tested in our QA lab, and we have confirmed their functionality as integrated with SN assessment tools:

- KG3EI (CPS Pulse) (Radio Frequency)
- KG3EI-S (CPS Spark) (Radio Frequency)
- KGEN2EI (CPS Pulse) (Radio Frequency)

However, any eInstruction clicker that functions with the device manager will technically function with the Schoolnet software, with the following caveats:

- It is strongly recommended that the eInstruction clicker has a screen on the device for feedback to the student and ease of navigation between questions. For this reason, eInstruction IR clickers are not recommended, as they do not have a display screen.
- Some clicker models do not offer a full number set on the device – in these cases, teachers would need to use the Schoolnet proctor dashboard to link students and clickers (as students would not be able to key in their own Student ID), and the question types should be limited so that students can make proper selections using the clicker.

System Requirements

✓ Microsoft Silverlight Version 3.0 or later
✓ eInstruction device manager V.6.71.183.52459. Steps for installing this are detailed below.

Please note: eInstruction clickers are not compatible with Internet Explorer and will soon be incompatible with Chrome. Please use Firefox.

Setup Steps

1. **Install the Schoolnet-Specific Device Manager**
   Install the eInstruction Device Manager available from the Schoolnet release site. The device manager posted on this site must be used for Schoolnet interoperatbility; the DM should not be downloaded or auto-updated from eInstruction as it will not be Schoolnet-compatible.

   URL: http://support.schoolnet.com/releases/
   Username: support
   Password: iloveschoolnet

Select 3rd Party, then Search from the Product drop-down to view and download the appropriate device manager. Make note that there is one Device Manager for Mac computers, and another for PCs.

2. **Confirm Matching Clicker and Receiver Channel**

    1. Plug the CPS receiver into the local computer USB port.

    2. Find and launch the device manager software.

    3. If the CPS receiver is properly detected by your computer, an icon of the clicker receiver will appear in the Device Manager window, as in the screenshot below. Select the icon, then click the "wrench" icon.
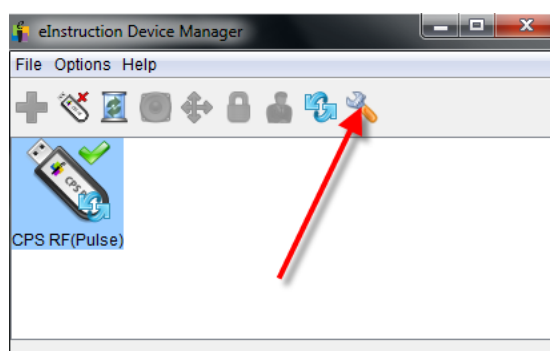
    4. Under the General tab, make note of the Base Channel value under RF Receiver Options, as shown in the screenshot below. This is the channel that receiver is configured use to transmit signals.
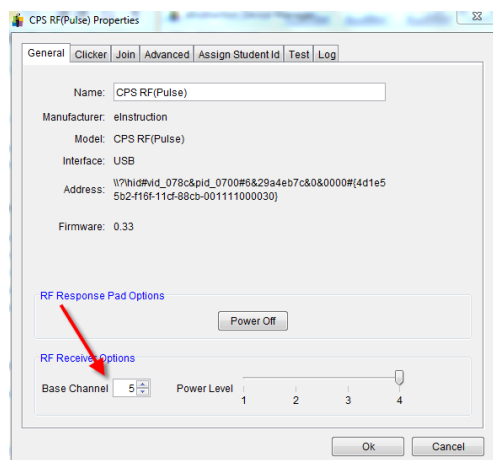
    5. Set all clickers to communicate using the same channel as the CPS receiver's base channel. For assistance in updating the clicker channel, the following eInstruction knowledgebase article is recommended: https://support.einstruction.com/entries/21219216

    6. Confirm that the CPS receiver can communicate properly, using the following eInstruction knowledgebase article as support:

https://support.einstruction.com/entries/21273276

3. **Proctor Tests**
   Once all clickers are confirmed to be transmitting successfully on the receiver's channel, then they are ready for use with Schoolnet. For next steps, proceed to the section in this document titled, "Proctoring a Clicker Test with Schoolnet."

eInstruction Clickers – Insight 360 Method

Schoolnet supports an integration with a software product called Insight 360, available for purchase from eInstruction / Turning Technologies. Tests created in Schoolnet are imported by and then administered through the Insight 360 software, which supports both Turning and eInstruction devices. The student results are then sent back to Schoolnet when the test session is completed. Although a valid Schoolnet ID and password are required while using Insight 360, Schoolnet itself does not need to be open while proctoring the test.

Please contact eInstruction / Turning directly for system requirements, download information, instructions, and support for Insight 360 via their website: http://www.einstruction.com/insight-360-overview

Promethean Clickers & ActivEngage Mobile Software

Supported Models

The recommended Promethean device is the **ActivExpression 2 -Model PRM-AE2-01.** However, other clicker models compatible with the Promethean Virtual Learner Response System should also work with Schoolnet. The clicker model must have a screen display for proper student experience.

Schoolnet is also compatible with the **Promethean ActivEngage Mobile Software**, which allows iPhone, iPad, & Android devices to be used as clickers.

System Requirements

For Clickers:

- ✓ Flash version 10.1 or higher
- ✓ Registration of each clicker
- ✓ If using Chrome browser, disable the built-in native flash player and enable the Adobe Flash player. To do so, enter chrome://plugins in the address bar. Under Flash, click disable on the other flash players and enable the Adobe Flash player. For additional assistance, check with the system administrator at your school or district.

For ActivEngage Mobile software:

- ✓ Flash version 10.1 or higher

✓   Registration of each device

Setup Steps

Clickers

1. **Install Promethean ActivDriver & Flash Extension**

    o   PC users need to download both of the following:
        ▪   From the Schoolnet support site: ActivSDK_Flash_Extension_v2.2.2_setup.exe - ActivDriver Flash Extension (Windows)

            •   URL: http://support.schoolnet.com/releases/
            •   Username: support
            •   Password: iloveschoolnet
            •   Select 3rd Party, then Search from the Product drop-down to view and download

        ▪   Promethean ActivDriver which can be downloaded here:
            http://www.prometheanplanet.com/en-us/Support/SearchProductFiles.aspx?ProductFamilyID=1

    o   Mac users need to download the following:
        ▪   From the Schoolnet support site: ActivSDKv2_Flash_Extension-v2.2.dmg - ActivDriver Flash Extension (Mac) ; this is available on the support site for download

            •   URL: http://support.schoolnet.com/releases/
            •   Username: support
            •   Password: iloveschoolnet
            •   Select 3rd Party, then Search from the Product drop-down to view and download

        ▪   Promethean ActivDriver which can be downloaded here:
            http://www.prometheanplanet.com/en-us/Support/SearchProductFiles.aspx?ProductFamilyID=1

2. **Register each clicker.**
    For assistance in registering your device, the following Promethean knowledgebase article is recommended: http://208.50.170.88/system/selfservice.controller

3. **Proctor Tests**
    Once all clickers confirmed as registered, then they are ready for use with Schoolnet. For next steps, proceed to the section in this document titled, "Proctoring a Clicker Test with Schoolnet."

Promethean Engage Software

1. **Install Promethean ActivDriver & Flash Extension**

   o PC users need to download both of the following:
      - From the Schoolnet support site: ActivSDK_Flash_Extension_v2.2.2_setup.exe - ActivDriver Flash Extension (Windows)

        - URL: http://support.schoolnet.com/releases/
        - Username: support
        - Password: iloveschoolnet
        - Select 3rd Party, then Search from the Product drop-down to view and download

      - Promethean ActivDriver which can be downloaded here: http://www.prometheanplanet.com/en-us/Support/SearchProductFiles.aspx?ProductFamilyID=1

   o Mac users need to download the following:
      - From the Schoolnet support site: ActivSDKv2_Flash_Extension-v2.2.dmg - ActivDriver Flash Extension (Mac) ; this is available on the support site for download

        - URL: http://support.schoolnet.com/releases/
        - Username: support
        - Password: iloveschoolnet
        - Select 3rd Party, then Search from the Product drop-down to view and download

      - Promethean ActivDriver which can be downloaded here: http://www.prometheanplanet.com/en-us/Support/SearchProductFiles.aspx?ProductFamilyID=1

2. **Install ActivEngage Server Software.**
   This can be downloaded here:
   http://support.prometheanplanet.com/server.php?show=nav.26997

3. **Install the ActivEngage Mobile Client from the Apple App Store or Google Play Store.**

4. **Register the devices.**
   Follow the steps documented here:
   http://support.prometheanplanet.com/upload/pdf/TP1780_ActivEngage_QSG.pdf

Turning Technologies Clickers

Schoolnet supports an integration with a software product called Insight 360, available for purchase from eInstruction / Turning Technologies. Tests created in Schoolnet are imported by and then administered through the Insight 360 software, which supports both Turning and eInstruction devices. The student results are then sent back to Schoolnet when the test session is completed. Although a valid Schoolnet ID and password are required while using Insight 360, Schoolnet itself does not need to be open while proctoring the test.

Please contact eInstruction / Turning directly for system requirements, download information, instructions, and support for Insight 360 via their website: http://www.einstruction.com/insight-360-overview

SMART Clickers

Supported Models

The following SMART Clickers are compatible with Schoolnet:

- SMART RESPONSE PE
- SMART RESPONSE XE

System Requirements

- ✓ SMART Education Software (Windows); Steps for installing this are detailed below.
- ✓ SMART Education Software (Mac); Steps for installing this are detailed below.

Setup Steps

*Please note, it is highly recommended that ALL previously installed SMART software be uninstalled PRIOR to performing the steps below. If additional SMART software is needed, that should be reinstalled AFTER performing the set-up listed below.

**Additionally, it is recommended that users NOT accept any SMART Education software auto updates as these might interfere with the Schoolnet integration. It is advised that when a user is prompted to 'install the newest version' that the user selects 'No'.

1. **Install the SMART Education Software**
   Install the SMART Education Software available from the Schoolnet release site.

   > URL: http://support.schoolnet.com/releases/
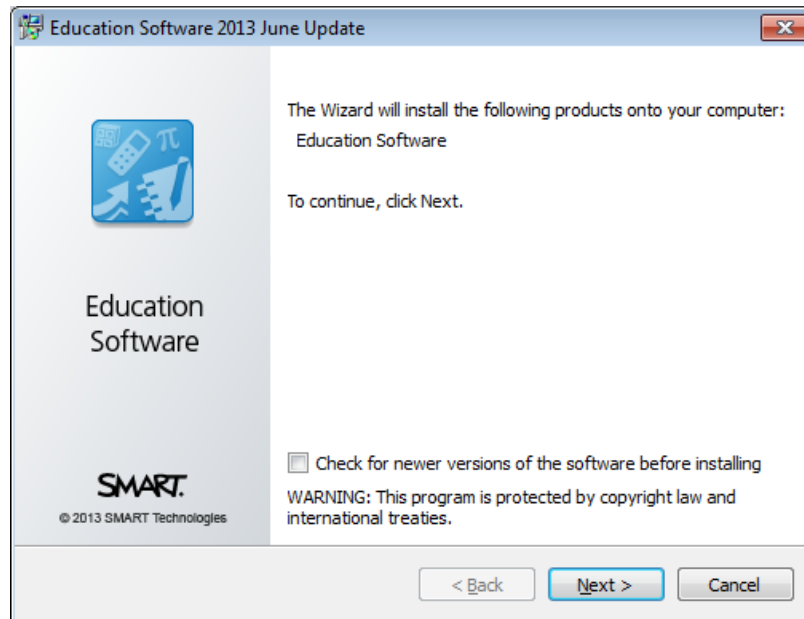   > Username: support
   > Password: iloveschoolnet

Select 3rd Party, then Search from the Product drop-down to view and download the appropriate device manager. Make note that there is a software version for Mac computers, and another version for PCs.
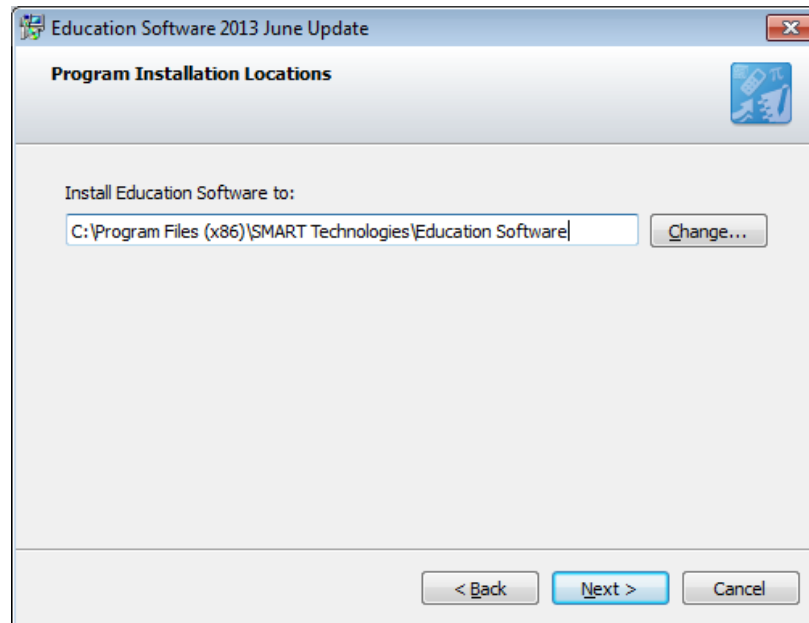
2. **Double click the SMART Education Software.exe**

Make sure "Check for new versions of the software before installing" option is **unchecked.** Click next.
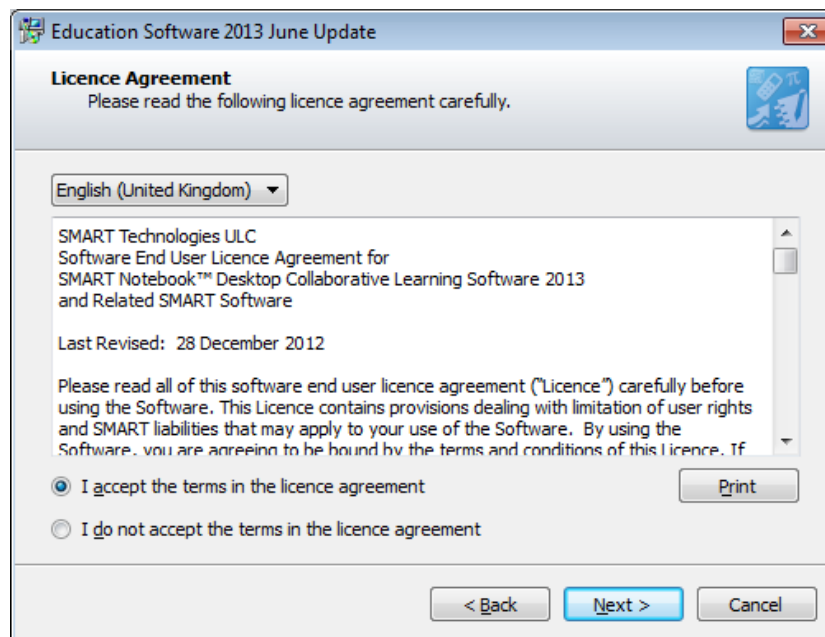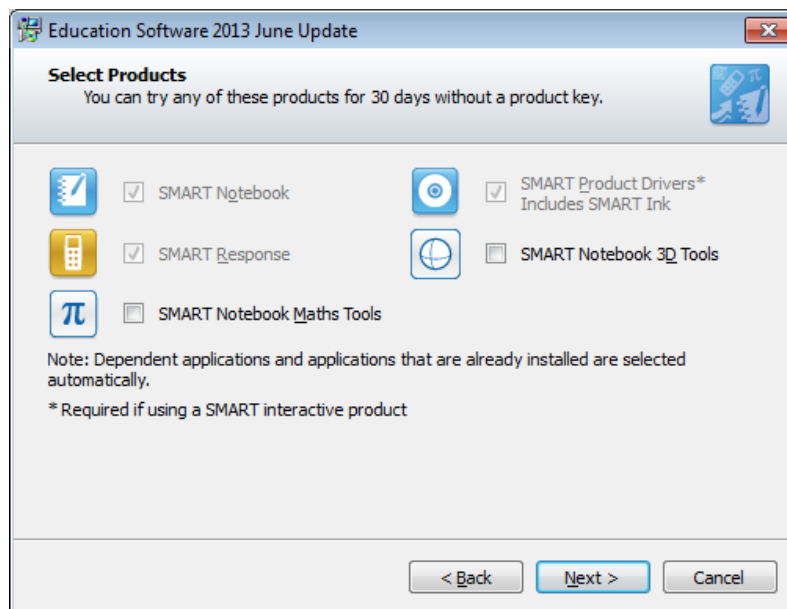

Accept the license agreement. Please click "Next" to continue.

Specify the location and click "Next" to continue.

3. **If SMART Response is not already checked, please click the SMART Response option and make sure "SMART Notebook Maths Tools" and "SMART Notebook 3D tools" options are "unchecked".**
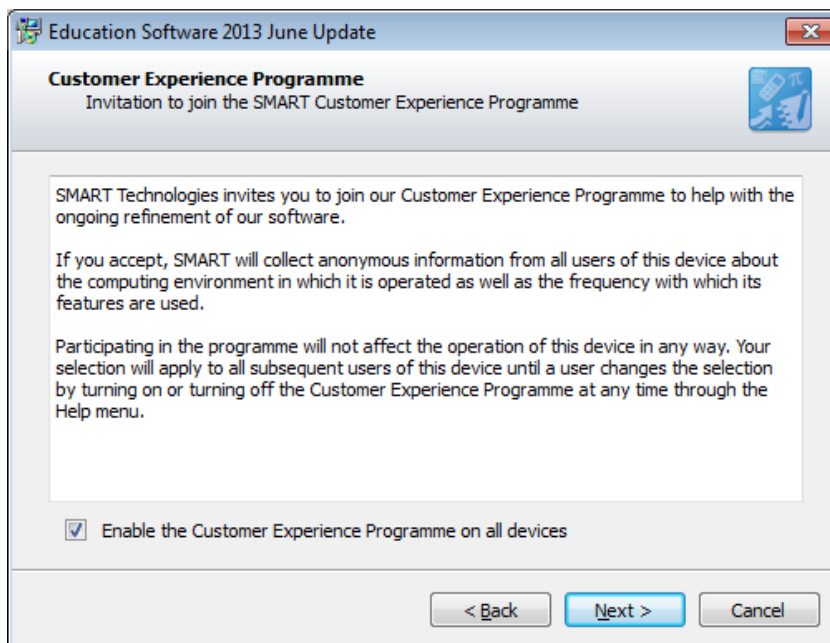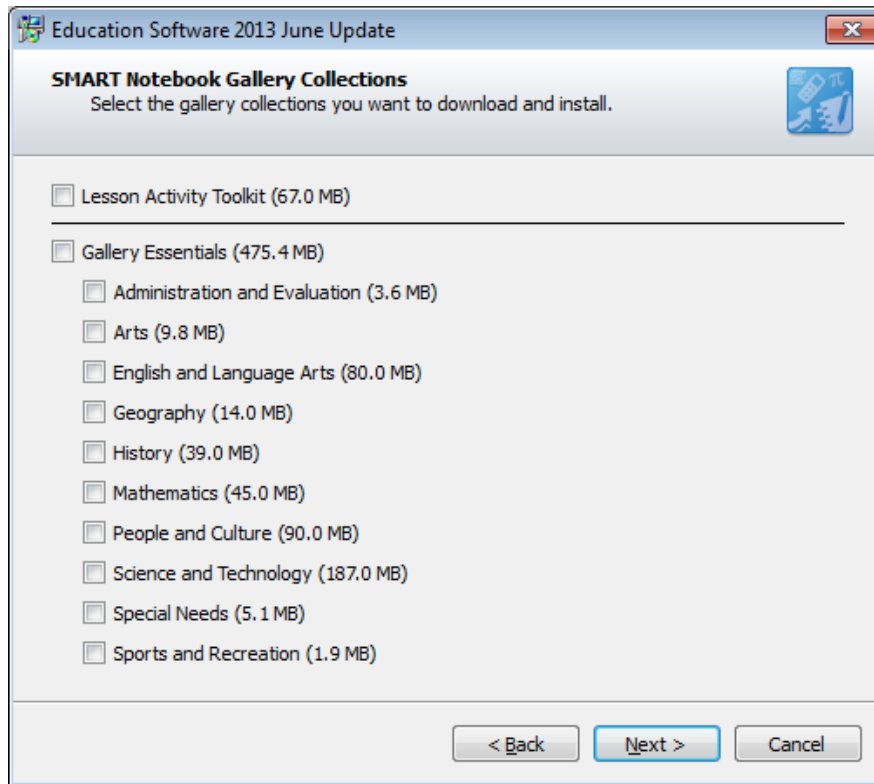

Click "Next".

4. **Select start up option(s): Make sure the default option "SMART Response Desktop Menu" is checked.**
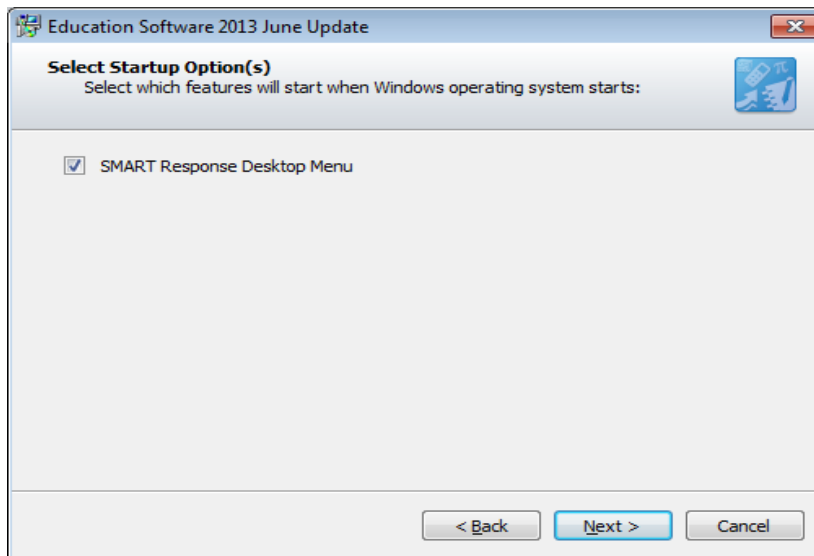
5. **Specify if you would like participate in SMART Tech "Customer Experience Programme".**

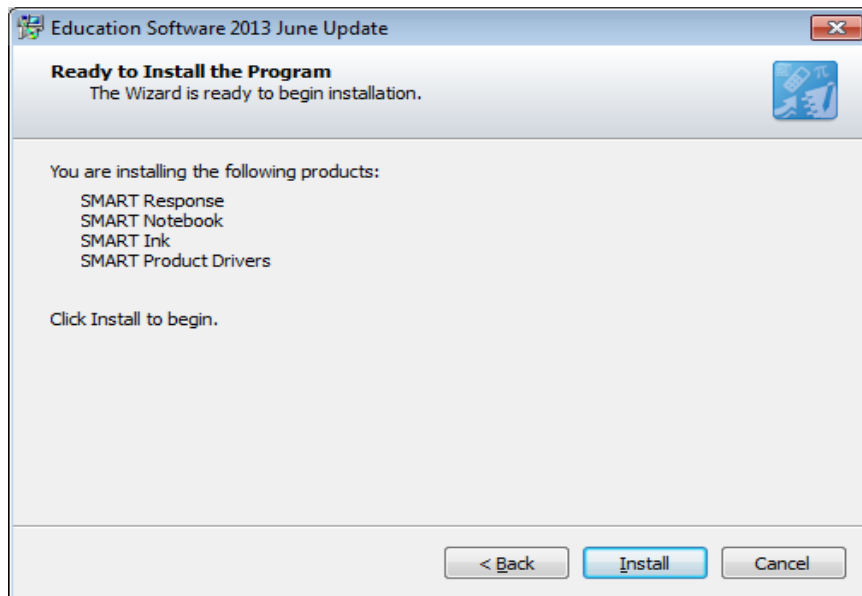6. **SMART Notebook Gallery Collection is optional; it is not required for installing Smart Response.**
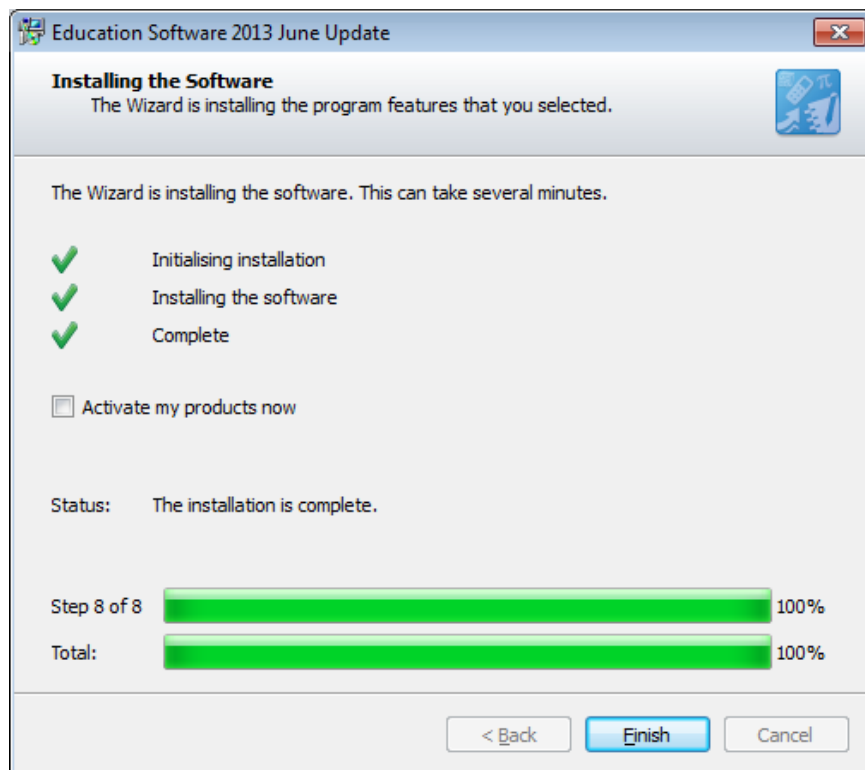
Please click "Next" to continue.

7. **None of the Languages are required; click 'Next' to continue.**

8. **The installation of SMART Response will start. Click "Install" to continue.**

Education Software 2013 June Update

Ready to Install the Program
The Wizard is ready to begin installation.

You are installing the following products:

    SMART Response
    SMART Notebook
    SMART Ink
    SMART Product Drivers

Click Install to begin.

[< Back]   [Install]   [Cancel]

9. **After the installation is complete, click "Finish".**

Education Software 2013 June Update

Installing the Software
The Wizard is installing the program features that you selected.

The Wizard is installing the software. This can take several minutes.

✔   Initialising installation
✔   Installing the software
✔   Complete

☐ Activate my products now

Status: The installation is complete.

Step 8 of 8   [████████████████████] 100%
Total: [████████████████████] 100%

[< Back]   [Finish]   [Cancel]

Proctoring a Clicker Test with Schoolnet

The proctor dashboard supports administering tests to students using eInstruction, Promethean, and SMART clickers as the primary student response tools. Administering a clicker test is as simple as setting up the devices and following the onscreen prompts. Before you begin, make sure your computer is ready to administer clickers.

To use eInstruction Clickers:

Note: This method does not apply if you are using the Insight 360 product. Please contact eInstruction for support: http://www.einstruction.com/insight-360-overview

1. *Assessment Admin* > Dashboard > Click on the Test Proctor Dashboard icon.
2. Ensure Microsoft Silverlight version 3.0 or higher is properly installed.
3. Ensure the eInstruction Device Manager is installed and running during testing. You can minimize the window, but don't close it.
4. Use either Firefox or Chrome; Internet Explorer is NOT compatible with eInstruction devices.

Note: See page 2 of this document for information regarding the Schoolnet compatible eInstruction devices.

5. On the Proctor Dashboard page, in the Actions menu, select eInstruction.

6. Click Connect to continue or No Thanks to proctor the test without clickers. Choosing Connect changes the dashboard messaging to *"Receiving student IDs from clickers"* and a clicker icon will appear to the left of each student's name.
7. Pair students with clickers. This may be performed in two ways:
    o By the proctor. Click the clicker icon next to a student's name. A text box appears. Type the number of the student's associated clicker into the box, and click Save.

- o By the student. Proctors should pass out clicker devices to students, and instruct the students to enter their student IDs into the device and submit. The clicker number will appear next to the student name within several seconds.
8. Click Start Test. This will send the test data to the clickers and allow the system to begin receiving responses. The clicker number appears next to the student name and the Test Progress bar fills with gray boxes that represent test items.
   - o Note: Students and clickers can still be paired once Start Test has been selected. If a proctor needs to change a clicker pairing while the test is in progress, any items that have already been answered will stay associated with the student (not with the clicker). However, once a test is in progress, only the proctor may pair additional students with clickers.
9. Students submit their responses. The proctor or the students clicks Next to go to the next question.
10. Click Submit Test

To use Promethean Clickers and ActivEngage Mobile Software:

1. *Assessment Admin* > Dashboard > Click on the Test Proctor Dashboard icon.
2. Ensure Flash version 10.1 or higher is properly installed.
3. Ensure the corresponding Promethean Device Manager is installed and running during testing. You can minimize the window, but don't close it.

Note: See page 4 of this document for information regarding the Schoolnet compatible Promethean devices.

4. On the Proctor Dashboard page, in the Actions menu, select Promethean. Your session will automatically load the students who are assigned to the test.

5. Click Connect to continue or No Thanks to proctor the test without clickers. Choosing Connect will change the dashboard messaging to *"Receiving student IDs from clickers"* and a clicker icon will appear to the left of each student's name.

6. Pair students with clickers. This may be performed two ways:
   o By the proctor. Click the clicker icon next to a student's name. A text box appears. Type the number of the student's associated clicker into the box, and click Save.
   o By the student. Proctors should pass out clicker devices to students, then instruct the students to enter their student IDs into the device and submit. The clicker number will appear next to the student name within several seconds.
7. Click Start Test. This will send the test data to the clickers and allow the system to begin receiving responses. The clicker number appears next to the student name and the Test Progress bar fills with gray boxes that represent test items.
   • Note: Students and clickers can still be paired once Start Test has been selected. If a proctor needs to change a clicker pairing while the test is in progress, any items that have already been answered will stay associated with the student (not with the clicker). However, once a test is in progress, only the proctor may pair additional students with clickers.
11. Students submit their responses. The proctor or the students clicks Next to go to the next question.
12. Click Submit Test.

To use SMART Clickers:

1. Once the SMART Device Manager is installed, connect the receiver. The receiver will have a red light and that will turn to a blinking green light and then become constant. A message will display on the desk top to indicate that clickers cannot be connected until SMART is ready.
2. Users must select the 'Enable Clickers' dropdown on the Proctor Dashboard page and select SMART. Select 'Connect' to continue or 'No Thanks' to proctor the test with or without clickers. **The 'local host' window that opens can be minimized but not closed during testing**. A message will be displayed indicating to the user that SMART is connected and clickers can be turned on.
3. In SMART, once the connection happens, the entire class list is sent over with details of student names and their student ID's. A message will display indicating that student Id's are being received.
4. Proctors should pass out clicker devices to students, and then instruct the students to enter their student IDs into the device and submit. The student ID will be used to identify the student and log their associated responses.

SMART supports the following item types only – **True/False, Multiple Choice, Open Response and Gridded Response.** Assessments that have other item types cannot be administered using SMART clickers.

5. Select 'Start Test'. This will send the test data to the clickers and allow the system to begin receiving responses. The Test Progress bar fills with gray boxes that represent test items and responses are color coded similar to the other clickers - red for an incorrect response, green for a correct response, blue for an open response and gray for an undefined response. SMART does not support 'Pause/resume' in Test mode.
6. If administering a Polling type test, select 'Start Poll'. In Polling, each question will be administered individually, and students are constrained to only answer the question that is displayed. Once answers are received for each question, click the Next button to move on the next question in the test. To pause the test at any time, click Pause Poll. Answers cannot be submitted while a test is paused. Click Resume to resume the Poll.
7. Click Submit Test.

Note: See page 7 of this document for information regarding the Schoolnet compatible SMART Response devices.

Viewing Clicker Test Responses

As students submit answers, the Test Progress bar reflects student responses in real time (pictured below). Click Pause Test to pause all student tests without submitting for scoring.

Student in italics took this test in another section. Hover for section name.

Not Started	In Progress	Completed
0	0	31

Device ID	Student	ID	Test Progress(4 questions)	Results
✎	Gajewski, Jasmine	754639		25% (2/8) ■
✎	Gonzalez Gonzalez, Altrez	786648		0% (0/8) ■
✎	Jauregui-Mora, Ja'Shay	975833		12% (1/8) ■
✎	Kinley, Damar II	829145		38% (3/8) ■
✎	Korff, KAY M	985473		12% (1/8) ■
✎	LAKEMAN, Jordan	1052745		0% (0/8) ■

When the testing period is over, click Submit Test. The tests are immediately scored and data is displayed in the Results column. Submitting the test provides access to new information and tools on the Proctor Page.

1. The Results column populates with student percentage, points correct out of points possible, and a color-coded score group indicator.
2. A link to the student Score page replaces the clicker icon to the left of the student name.
3. A link to Item Analysis in *Classrooms* appears in the tool box on the upper right. This provides a quick access point to the *Classrooms* module's Analyze Section's functionality.